

Chemical Week

INDEX

Volume 69—July-December, 1951

The letters (NL) following entries indicate that those items are to be found in the Newsletter.

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Swift & Co. plans adhesive plant at Harvey, La.	Aug. 18 36	Anaconda Copper waiting for permission to enter aluminum field	Dec. 29 14
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Allethrin DDT aerosols contract for Navy to be awarded (NL)	Oct. 6 8	Harvey Machine Co. to construct plant at Kalspell, Mont.	Sept. 29 7
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Factories and enamel for touching up R. H. Lutz sure Krylon, Inc. for damages on his method of spraying plastic	Nov. 24 49	Spartan Aircraft Co. files for certificate to cover big plant (NL)	Sept. 29 7
Moth aerosol	Sept. 15 37	Spartan Aircraft's proposed aluminum plant may go through (NL)	Oct. 20 8
New aerosol-dispersed anti-shock sprays	Oct. 6 40	U.S. Government's new reduction plant will boost capacity	Aug. 4 15
Plastic snow as spray	Nov. 10 35	What will happen to aluminum castings after defense output slackens off? (NL)	Dec. 22 5
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Trend toward self-filling of aerosols (NL)	July 28 6	Will celebrate Diamond Jubilee	Sept. 1 9
Agave is a by-product of rope manufacture	Oct. 27 36	American Cyanamid purchases tract at Deptford, Ga. for expansion (NL)	July 21 8
Agricultural chemicals is subject of report of Senate's Subcommittee on Labor Management Relations (NL)	Dec. 22 5	To expand its Ontario plants	July 28 16
Produced by W. R. Grace & Co.	Oct. 27 36	American Potash & Chemical Co. Heyden wants to sell interest (NL)	Oct. 13 8
Air filter for commercial use	July 14 30	American Resinous Chemicals of Canada formed	Oct. 20 16
Air pollution:		Ammonia:	
Air pollution laboratory in car-trailer	Oct. 27 34	Amine analysis by Du Pont researchers	Aug. 4 18
Olefinic hydrocarbons make smog	July 28 24	International Minerals & Chemical Corp. to make pharmaceuticals of amino-type products (NL)	Oct. 20 8
West Virginia's Kanawha Valley and industry team to reduce pollution	July 21 14		
Alama Chemical Co. is written off as joint venture (NL)	Dec. 29 7		
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		Rohm & Haas makes four new additions to its alkylamine series	Oct. 13 20
		Ammonia:	
		Alamo Chemical Co. may locate plant on Ship Channel, Tex. (NL)	Sept. 15 8
		Army's Morgantown, W. Va. synthetic ammonia plant bids for leasing	Aug. 25 7
		Bottled gaseous ammonia	Dec. 29 12
		Brazil will go into production of synthetic ammonia for refrigeration	Nov. 10 16
		Consumers' Cooperative Assn. to build synthetic ammonia plant	Nov. 10 18
		Firms receiving certificates of necessity for ammonia facilities (NL)	July 28 6,9
		Lion Oil needs natural gas before locating anhydrous ammonia plant	Sept. 29 14
		Matheson Chemical Corp. may operate Morgantown, W. Va. plant (NL)	Nov. 17 8
		Pennsylvania Salt Mfg. will change from Mont. Cenix type ammonia synthesis to high-pressure Claude process	Dec. 29 16
		Phillips Chemical Co. plans ammonia and methanol plant (NL)	Dec. 29 7
		Shell Chemical to construct new synthetic ammonia plant	Aug. 4 15
		Spencer Chemical's anhydrous ammonia plant near Vicksburg, Miss. to begin production in two years	Aug. 4 15
		Synthetic ammonia needed for fertilizers, synthetic fibers and plastics	July 28 9
		Synthetic ammonia plant planned by Atlantic Refining (NL)	Aug. 25 4
		Ammonia, methanol—Commercial Solvents to build unit (NL)	July 21 7
		Ammonium Nitrate:	
		Australia restricts imports	Sept. 29 12
		Commercial Solvents to build unit (NL)	July 21 7
		Laden ships now have legal parking area in Honolulu area	July 14 12
		Ammonium phosphates to be produced by Consolidated Mining & Smelting at Kimberly, B. C.	Nov. 3 20
		Ammonium Sulfate:	
		Ammonium sulfate from calcium sulfate and ammonium carbonate	Oct. 13 33
		India's first major state-owned enterprise to be started	Nov. 24 16
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		Most to be sold on spot marked this year	July 21 38
		Producer considering switching over to the German process (NL)	Sept. 15 8
		Amly nitrate as a cetane improver for diesel fuels (NL)	Nov. 10 7
		Anesthetics:	
		Anesthetic gases studied	Nov. 10 28
		4-Thiazolidone derivatives as anesthetics	Aug. 11 20
		Antianemic capsules	Nov. 3 41
		Antibiotics:	
		Abbott Laboratories building new antibiotics finishing plant	Nov. 24 16
		Antibiotics for industrial applications	Dec. 29 30
		Aureomycin factory in Australia	Sept. 8 16
		Aureomycin plant may be erected in Australia	Nov. 3 19
		Aureomycin produced by Lederle in different forms	Nov. 17 19
		Cyanide ion as stabilizer for terramycin	Sept. 8 28
		Dialkylammonium esters of penicillin	Oct. 20 26
		Endomycin produced by mold streptomycetes	Nov. 17 34
		France has changed from importer of antibiotics to exporter	Nov. 10 15
		German penicillin imports to stop when Bayer's new plant goes on stream	Nov. 3 19
		Heyden Chem. Corp. buys equipment to increase production	Sept. 22 20
		Heyden Chemical Corp. to increase production (NL)	Sept. 29 8
		Lederle Laboratories finds aureomycin shows activity against pre-cancerous lesions (NL)	Nov. 10 7
		Neomycin produced by Upjohn Co. (NL)	Oct. 20 7

Now the largest item in the entire ethical drug field	Oct. 27	9
Parke, Davis & Co. increasing synthetic chloromycin capacity with new plant (NL)	Oct. 20	7
Penicillin production to be boosted by Schenley Laboratories	Sept. 15	22
Pfizer, Chas. & Co. to expand antibiotics production	Oct. 13	20
Schenley Laboratories expanding output (NL)	Oct. 20	7
Skin ointment	Oct. 20	39
Spain opens first penicillin plant	Oct. 20	19
Streptomycin production to be boosted by Schenley Laboratories	Sept. 15	22
Terramycin in soluble tablets	Sept. 8	34
Terramycin put out by Pfizer packaged in various ways	Nov. 17	18
Three new veterinary antibiotic formulations	Dec. 1	39
Vitamin research, Park, Davis & Co.	Oct. 13	28
Anticoagulant is a combination of heparin and butamine	Dec. 15	26
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APC antihistamine combination for colds	Dec. 22	32
Antihistamine cough syrup	Nov. 10	38
Colorimetric method for determination of Neotetramine	Sept. 15	27
Antimalarials:		
Being evaluated	Aug. 11	19
Diaminopyrimidines tested	Sept. 8	28
Hydroxychloroquine reported by Sterling Winthrop	Dec. 15	28
Primquine makes the grade with the military	Nov. 10	24
Primquine now made by Eli Lilly & Co. (NL)	Oct. 20	7
Primquine tested on soldiers	Sept. 8	28
Winthrop Stearns to make primquine (NL)	Nov. 10	7
Antimony Higher price ceilings but supplies plentiful	Dec. 22	40
Spot test developed at Louisiana State University	Oct. 20	26
Antioxidant produced from sulfite pulping wastes	Sept. 22	20
Anti-Trust Act (Du Pont, Imperial Chemical Industries and Remington Arms found guilty of violation)	Oct. 13	13
Appellate tests given by U. S. Employment Service to help industry	July 14	13
Arbogastian is wood derived chemical	July 28	21
Aro Co. bought by American Marietta Co.	Sept. 8	34
Armstrong Co. to have branch at Charlotte, N. C.	July 7	28
Arsenic Better growth with arsenicals T. W. Zbornik	Nov. 3	2
Infiltration into well causes suit against Sateen Corp.	Oct. 17	10
Arthritis research	July 7	20
Asbestos Corp. to expand its mining property at Quebec City	Dec. 29	17
Aspen Associates, Inc. formed	Nov. 17	49
Asphalt products to be sold by American Bitumuls & Asphalt Co.	Oct. 13	40
Asphalt road's probable deterioration tested by radioisotope procedure	July 14	24
Aspirin-phenacetin caffeine tablets over the counter sale permitted in Australia	Aug. 4	27
Atlantic Chemical Corp. organized	Oct. 27	37
Atomic bomb attack booklet	July 14	15
Atomic Energy Commission:		
Abbott Laboratories acquires facilities at Oak Ridge for production of radioactive drugs	Aug. 4	18
Activity in various fields in 1951	Sept. 22	17
Decontaminating formulations available	Dec. 8	21
Develops practical methods for recovering uranium	Dec. 1	21
Diborane patented	July 28	22
First "suggestion award" made (NL)	Dec. 1	7
Foreign institutions may now obtain radioisotopes by products	July 21	28
General Electric's contract for operating Hanford Works and Knolls Laboratory extended	Sept. 15	15
Lie detector tests required at Oak Ridge (NL)	Dec. 29	8
Monsanto Chemical renews contract for operation of Mount Laboratory and Scioto Laboratory	Dec. 1	16
Plans expansion program (NL)	Oct. 13	8
Research laboratory to be constructed near Lamont, Ill.	July 21	18
School of Reactor Technology graduates students	Sept. 15	27
25 patents offered on royalty-free licenses (NL)	Nov. 3	7
Union Carbide and Carbon to operate uranium plant at Paducah, Ky.	Oct. 13	20
Atomic reactor to produce radioactive isotopes	Nov. 24	44
Attapulgite deposit discovered in South Africa	Nov. 24	16
Aureomycin factor in Australia	Sept. 8	16
Australia cuts imports but probably not of chemicals	Dec. 15	20
Awards Chemical Engineering Achievement Award goes to Phillips Petroleum Co.	Oct. 13	18
Azealic acid and suberic acid to be produced by C. P. Hall (NL)	Oct. 6	8

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Bactericides—Onion and garlic vapors are bactericidal	July 28	22
Bagasse in Brazil will be converted to paper pulp (NL)	Oct. 27	6
Barium—Higher production of barium compounds	Sept. 8	39
Barium nitrate Treating the harvests with soda ash to obtain barium nitrate	Dec. 22	24
Batteries:		
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Charger for industrial trucks	July 14	31
Separator of paper impregnated with rubber (NL)	Oct. 20	7
Liquid domestic manganese in battery dioxides passes tests	Dec. 8	22
Bauxite Sulfates Ltd. of Australia developing its deposits	Dec. 22	15
Beach bags for picking up seaweed	Dec. 8	28
Bentonite imported from Italy	Aug. 18	36
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Diethylene glycol for benzene and toluene recovery from hydrocarbon (NL)	Aug. 25	3
Great Britain to expand its benzene facilities	Oct. 27	15
Production and imports (chart)	Aug. 11	40
Standard Oil Co. of Calif. getting benzene from hydroformer products (NL)	Sept. 29	8
San Oil's new Arosorb process will go into operation	July 21	12
Udex process for benzene and toluene recovery from ethylene-derived liquid fraction	Sept. 29	15
Benzene hexachloride now has more gamma content	Oct. 27	36
Bergan oil highly priced and scarce	Sept. 22	48
Beryl deposits discovered near Delhi City	Dec. 1	15
Beryllium oxide—U. S. and Brazil share in solo Paulo plant	Dec. 22	15
Beryllium poisoning antidote	Dec. 1	24
Beta naphthol shortage	Sept. 15	51
Betaine International Minerals & Chemicals trying poultry feed additives (NL)	July 21	8
Betaine glycosamine for treatment of heart diseases	Nov. 10	23
Bitumen in liquid form shipped from South America to Europe	Sept. 8	31
Bleaches:		
Chemical to build in Charlotte, N. C.	Oct. 13	40
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Fluorescent whitener	Nov. 24	52
Liquid bleach manufacturers battling with powdered bleach makers	Nov. 24	50
Optical bleaches development	July 14	31
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Trend of manufacturers of bleaches is toward decentralization	July 21	41
Blender, automatic liquid	July 7	28
Blood Plasma:		
Dextran plasma extender soon to be produced	July 28	22
Harvard University's Laboratory processes human blood	Dec. 1	16
Shelton & Dolime acerts strike at plasma plant	Dec. 1	14
Slowers, large	Dec. 1	32
Bolt sealer	Nov. 3	42
Bonuses for employees at Christmas	Dec. 22	10
Borax used to trace flow of underground water	July 14	24
Bottle washing compound developed by Diamond Alkali Co.	Oct. 27	47
Branson Instruments to double floor space	Sept. 15	34
Bromotrifluoromethane refrigerant	Dec. 15	26
Bubble cap plate is tested for efficiency of liquid seal	Dec. 15	44
Building blocks to be produced from ground mineral aggregate	July 21	18
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Bushing, tank	Dec. 15	38
Business conditions being predicted by economists (NL)	Nov. 17	8
Butanol fermentation process traced	Sept. 22	24
Butyl alcohol and wool grease developed to scour wool	Sept. 1	13
Butyl stearate bulletin from Witco Chemical	July 7	20
N-butylaldehyde obtained by Texas Eastman from modified Ox reaction (NL)	Oct. 6	7
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Calcium carbide manufacturers need more power	Sept. 1	39
Calcium chlor de Spread by airplane to combat highway ice (NL)	Nov. 3	8
California Spray Chemical Corp. opens plant at Deatur, Ala.	Aug. 25	29
To move to Milwaukee	Sept. 22	38
Carbide shortage	Dec. 22	40
Carbon bisulfide from natural gas process belonging to Pure Oil Co. sold (NL)	Sept. 29	8
Carbon bisulfide producers beset with problems	Aug. 4	35

Carbon Black:

Cabot, Godfrey L. Inc. to build new plant	Dec. 1	18
Canada may have its first carbon black plant	Aug. 11	15
Great Lakes Carbon formed to produce carbon	Aug. 25	14
Larger exports permitted (NL)	Dec. 15	8
Oil furnace carbon black plant to be at Sarnia, Canada	Dec. 8	16
Orion filter bags recover more carbon black	July 7	23
Phillips Petroleum Co.'s English license opens new	Nov. 10	16
Production of liquid raw material at low price is most pressing problem for the industry	Nov. 24	13
Shortage of hopper cars slowing shipments (NL)	Sept. 1	5
United Carbon's new plant to make oil-base furnace black of high abrasion type	Oct. 6	19
United Carbon to build plant to make carbon black	Dec. 1	18
Carbon cell process patented (NL)	Nov. 24	8
Carbon dioxide—Air Reduction to re-ignite dry ice plant taken over from Carbide & Carbon	July 21	18
New well at Gordon Creek, Utah	Sept. 22	18
Carbon tetrachloride plant to be constructed by Stauffer Chemical Co. To come under NPA's M 32 order (NL)	Aug. 25	4
Carborundum may be an entry in the zirconium race (NL)	Dec. 15	8
Carboxymethyl cellulose gel with quaternary coats fruit, delays decay	July 28	28
Carboy, cylindrical plywood	Nov. 3	32
Carolina Chemical & Engineering Co. formed	Nov. 17	20
Carotene plant located in Soledad, Calif.	Dec. 15	18
Cashew shells as a basis for newsprint ink	Dec. 22	11
Cast replaced by plasticized bandage	Dec. 1	39
Castor Beans:		
Los Angeles County has planted the beans (NL)	Aug. 25	4
Texas's first crop is good (NL)	Aug. 25	4
Hearts and Oklahoma farmers find profits in first big crop	Oct. 20	12
Catalysts:		
Catalytic cracking has outstripped thermal cracking (NL)	Sept. 1	5
Davison Chemical applies for certificates of necessity (NL)	Aug. 11	6
Gulf coast to have three new plants for manufacturing petroleum catalysts	Sept. 8	13
Hopper pickup saves shutdowns	Sept. 15	32
Cathode rays as polymerizing agents	Aug. 25	19
Cathodic protection guide	July 28	24
Cation exchangers, phosphonic and phosphoric acid, developed by Chemical Process Co.	Dec. 1	22
Caustic Soda:		
Alkali-chlorine companies upgrade products	Aug. 18	13
Diamond Alkali's plant at Painesville will double output (NL)	Aug. 25	4
Dow Chemical Co. opens new caustic soda storage unit	Dec. 29	18
Hooker Electrochemical Co.'s new plant held up by injunction	Dec. 15	16
Hooker Electrochemical plant to be installed at Montague, Mich.	Dec. 8	16
Monsanto Chemical to erect plant for caustic and chlorine at Muscle Shoals, Ala.	Oct. 6	19
Pennsylvania Salt to use mercury cells in new caustic-chlorine plant	Dec. 15	18
Price decline may come eventually	Dec. 8	44
South America's first big soda plant near Bogota	Nov. 10	16
Celanese Corp. to construct laboratory at Clarkwood, Tex.	Aug. 18	21
Cellophane—Olin Industries' new plant (NL)	Sept. 1	5
ITC of Canada building plant for manufacture of cellophane	Nov. 24	16
Cellulose:		
American Viscose to operate cellulose acetate plant jointly with the Japanese	Dec. 15	20
Burgess Cellulose Co. to produce cellulose sponges	Dec. 29	17
Columbia Cellulose, Canada, expanding	Aug. 18	22
Italy to build cellulose factory	Dec. 1	15
Manufacturers of products from European chemical fully granted an inventory review (NL)	Aug. 18	8
Sponge plant expands	Oct. 27	36
Cement for bolts	Dec. 15	46
Cements, acrylic	Oct. 20	38
Centrifuge equipment trends	Oct. 20	29
Ceramic Coatings:		
Applied to metals by spray method	Aug. 18	19
Ferro Corp. joins solar Aviation to produce ceramic coatings	Dec. 1	16
Ryan Aeronautical Co. establishes agency to control ceramic coating development	Oct. 27	28
Cereal and cocoa discs formed on the making machinery	Sept. 22	29
Cerium Metals Corp. to produce rare earth metals	Dec. 29	16
Cetane improver for diesel fuels of amyl nitrates (NL)	Nov. 10	7

Defense program beginning to squeeze fertilizer production (NL)	Nov. 17	7	Louisville, Ky., adds fluorides to water without telling citizens (NL)	Sept. 1	5	Gas alarm	Dec. 22	26
Inadequate supply predicted (NL)	Dec. 1	8	Municipal water fluoridation planned by 174 communities	July 7	14	Gasholder's design and applications shown in film	Nov. 10	34
Israel plans fertilizer plants	Nov. 3	20	San Francisco fights fluoridation of the water supply	Aug. 25	13	Gasoline:		
Naco Fertilizer Co. modernizes plant	July 14	35	Simons' cell for electrolytic fluorinations	Nov. 3	30	Banking firm wants to invest in gas-line from coal plant (NL)	Aug. 18	7
North Carolina farmers tax themselves to support agricultural research at state college (NL)	Nov. 17	7	University of Colorado students receive grant for research	Aug. 4	18	New additive prevents fouling	Oct. 13	26
Tex on fertilizers in North Carolina	Dec. 29	32	Fluorocarbons:			Western Germany produces synthetic gasoline by Fischer-Tropsch process	Nov. 17	22
Tax proposed in North Carolina on fertilizer sales	Aug. 4	27	Fluorocarbon coolants used for trans-formers	Sept. 1	24	Gauge, continuous measuring, to determine square yard weight of sheet material	Dec. 29	24
U. S. Dept. of Agriculture figures show need for expansion of fertilizer output (NL)	Sept. 29	7	Minnesota Mining & Mfg. producing in quantity (NL)	Oct. 20	7	Gauze rings suitable for vacuum distillation	July 28	24
Fiber Glass:			Minnesota Mining & Mfg. swings to commercial production	Oct. 27	27	General Aniline & Film case continues	Oct. 27	12
Ferro Corp. constructing plant	Oct. 27	15	Fluoropar production to be expanded by Ozark Mahoning Mining Co. (NL)	Oct. 27	5	Case not settled yet (NL)	July 7	7
Glass Fibers, Inc. produces new, very fine glass fiber	Aug. 4	18	Shortage gives out to aluminum over fluorine chemicals	Oct. 6	47	General Dvestuffs Corp. is still in Attorney General's grasp (NL)	Nov. 3	8
Libbey Owens Ford Glass starts production of glass fibers	Dec. 1	18	Food Chemicals:			General Refractories to build plant additions	July 7	17
Now can be dyed	July 28	15	Atlas Powder Co. to investigate poly-oxyethylene bread emulsifiers	Nov. 8	24	Germany:		
Paper made from glass fibers	Dec. 22	26	Blasts directed against health food "rocketeers" (NL)	Dec. 15	7	Farbes, I. G., successor companies await approval	Dec. 15	20
Filter cloth of dyed	Sept. 15	34	Bread standards shrouded in Washington for (NL)	Oct. 14	7	Germany's chemical industry will compete with U. S.	July 21	2
Filter fabrics	July 28	24	Bread standards will be made permanent (NL)	Dec. 15	8	Who owns I. G. Z. (NL)	Aug. 11	6
Filter factory	Aug. 25	24	Chemicals in bread investigated by Senate Agriculture Committee	Sept. 1	11	Germicides: Limof family of bactericidal specialties	Dec. 8	34
Filters—Horizontal pressure leaf filter	Dec. 15	36	Coming: tougher legislation governing chemicals in food	Sept. 15	15	Glass:		
Financial:			Congressmen holding chemicals in food hearings (NL)	Nov. 3	8	Alkali-resisting glass to be shown in Chemical Exposition	Nov. 24	47
General Cyanamid's six months net (NL)	Aug. 4	5	Delaney Committee and FDA press for tighter restrictions on food chemicals (NL)	July 28	5	Alkyl-molding compound containing glass fiber (NL)	Nov. 10	7
Armour & Co. financial report	Oct. 27	13	Delaney Committee investigating in Los Angeles	Dec. 15	13	Coming glass makes electrically conducting glass	July 28	22
Buffalo Electro-Chemical Co. will be sold to Food Machinery & Chemical Corp. (NL)	Dec. 8	8	Delaney Committee will hold hearings in New York	Dec. 22	5	Explosion resistant glass	July 21	21
Carbide & Carbon's sales higher, but net profit less (NL)	Aug. 4	5	Food & Drug Administration issues booklet "Read the label"	Sept. 22	15	Glass resin laminate	Dec. 29	34
Chemical management questions—first 3 quarters 1951 tabular	Nov. 10	11	F & D may change mind about chemical emulsifiers in food products (NL)	Oct. 6	8	Ised to construct a glass factory	Nov. 3	20
Chemical management questions—availability of applying for fast amortization privileges (NL)	Sept. 15	7	International Minerals & Chemical Corp. lab to conduct nutritional investigations	Oct. 13	10	Ultraviolet light, heat and hydrofluoric acid print designs on glass without tools	Sept. 29	29
Chemical stock price index (chart)	Nov. 24	12	National Research Council's Food Protection Committee supports food processors (NL)	Dec. 15	7	Glidden Co. inaugurates new sales program	Aug. 19	32
Commercial Solvents' sales for six months (NL)	Aug. 4	5	Three magazines condemn food and chemical industries in July issues	Dec. 15	7	To bring out new product any day (NL)	Aug. 18	8
Cowles Chemical Co. files prospectus	Dec. 15	20	Food color probe	July 14	7	Glutathione biochemical properties to be investigated by Schwartz Laboratories	Dec. 15	28
Dewey & Amy report sales for Jan. June 1951 (NL)	July 28	6	Food color probe	July 21	27	Glycerin:		
Diamond Alkali Co.'s financial statement	Dec. 1	16	Foods in powdered forms converted by polyvinyl alcohol to free-flowing products	Nov. 17	34	Better supply foreseen	Sept. 15	51
Diamond Alkali Co.'s financial report	Nov. 17	20	Frute Mineral Co. plans recovery of tin, Feldspar, and mica	Nov. 17	19	Columbia's first factory under construction	Oct. 27	15
Diamond Alkali's sales for six months (NL)	Aug. 4	5	Foreign subsidiaries organized by American Chemical companies, judged restraint of trade	July 7	15	Price lowered by OHS	Dec. 8	44
Dominion Limestone Oil Co. to consider reorganization	Nov. 17	20	Formaldehyde:			Glycols:		
Dow Chemical Co. has expansion program	Nov. 24	18	Development of photographs by formaldehyde	Oct. 13	10	Diethylene glycol in sealed Vynilite bag serves as hot or cold bag	Sept. 8	34
Dow Chemical sells its interest in Thiokol Corp. (NL)	Aug. 4	5	St. Maurice Chemicals, Ltd., formed to manufacture formaldehyde and pentaerythritol	Dec. 29	17	Hancock Oil licensed by Belgian firm to make glycol (NL)	Nov. 10	7
Dow Chemical's statement	Dec. 1	16	Supplies are long but due to shorter freight forwarders increase for less than carload shipments	Dec. 1	18	Hancock Oil Co. licenses its glycol process to a Belgian concern (NL)	Oct. 27	5
Dow Chemical stock plan	Dec. 29	17	Freight rates raised in Texas	Sept. 22	14	Jefferson Chemical's application for ethylene glycol plant receives certificate	Sept. 22	7
Duval Sulphur & Potash Co.'s financial plan	Dec. 22	14	Fuel:			Record production boosts supply for anti-freeze	Aug. 11	39
Federal Trade Commission shows how size affects profits	Sept. 15	16	Fuel oil additive to eliminate clogging of filters	Sept. 22	38	Goodrich, B. F., Chemical Co. moving building from Akron to Avon Lake (NL)	Aug. 4	5
Ferd, Muhlen, Inc. to be purchased	Nov. 24	52	Government-built synthetic fuels industry not possible with steel needs for defense (NL)	Sept. 22	8	Gordon Chemical Co. sells out	July 28	28
Ferro Corp. offers shares for sale	Dec. 15	20	National Petroleum Council's study shows shale oil to be the cheapest non-petroleum liquid fuel (table)	Nov. 17	16	Government industry commercial relations discussed at Chemical Engineers Club	Dec. 8	13
Freemont Sulphur planning stock split (NL)	Aug. 4	5	Formaldehyde:			Government opens Business Inquiry Center	July 28	11
Harshaw Chemical Co.'s statement (NL)	Dec. 29	8	Development of photographs by formaldehyde	Oct. 13	10	Graph paper, arctangent	Sept. 15	34
Hooker Electrochemical Co. arranging financing	Dec. 29	17	St. Maurice Chemicals, Ltd., formed to manufacture formaldehyde and pentaerythritol	Dec. 29	17	Graphite—International Graphite & Electrode to construct plant	Nov. 24	16
Interlocking directorates in large corporations hampered in bill ignored by Congress	Nov. 3	16	Supplies are long but due to shorter freight forwarders increase for less than carload shipments	Dec. 1	18	Two new companies schedule plants for impervious graphite	Sept. 8	29
Jefferson Lake Sulphur Co. splits common stock	Nov. 24	18	Freight rates raised in Texas	Sept. 22	14	Gravel, synthetic, from mud	Dec. 29	30
Kaiser Aluminum and Union Carbide's latest financial moves (NL)	Dec. 8	7	Fuel:			Great Britain may nationalize its chemical industry (NL)	Sept. 22	7
Matheson Chemical Corp. files prospectus	Dec. 15	20	Fuel oil additive to eliminate clogging of filters	Sept. 22	38			
Matheson Hydrocarbon (NL)	Aug. 4	5	Government-built synthetic fuels industry not possible with steel needs for defense (NL)	Sept. 22	8			
Merck's sales for the half year (NL)	Aug. 4	5	National Petroleum Council's study shows shale oil to be the cheapest non-petroleum liquid fuel (table)	Nov. 17	16			
National Distillers is floating stock issue to raise capital (NL)	Sept. 1	6	Formaldehyde:					
National Lead considering a stock split (NL)	July 28	6	Development of photographs by formaldehyde	Oct. 13	10			
Owens-Corning Fiberglas Corp. stock plan	Dec. 29	17	St. Maurice Chemicals, Ltd., formed to manufacture formaldehyde and pentaerythritol	Dec. 29	17			
Pittsburgh Coke & Chemical expanding by offering shares to stockholders (NL)	July 28	6	Supplies are long but due to shorter freight forwarders increase for less than carload shipments	Dec. 1	18			
Pittsburgh Coke & Chemical Co.'s financial plan	Dec. 15	20	Freight rates raised in Texas	Sept. 22	14			
Reports for six months of 1951 show that stockholders have enjoyed healthy rise in pay (NL)	Aug. 25	3	Formaldehyde:					
Selling brokers to sell stock, San Francisco	Sept. 1	12	Development of photographs by formaldehyde	Oct. 13	10			
Southern Oxygen Co. borrows	Dec. 29	18	St. Maurice Chemicals, Ltd., formed to manufacture formaldehyde and pentaerythritol	Dec. 29	17			
Standard Oil of Indiana raises dividends (NL)	July 28	6	Supplies are long but due to shorter freight forwarders increase for less than carload shipments	Dec. 1	18			
Fire extinguishers	Sept. 22	40	Freight rates raised in Texas	Sept. 22	14			
Flame retardants for cellulose materials	Sept. 22	24	Fuel:					
Flavin adenine dimucleotide produced by Sigma Chemical Co.	Aug. 11	20	Fuel oil additive to eliminate clogging of filters	Sept. 22	38			
Floor finish—a new product by S. C. Johnson (NL)	July 28	6	Government-built synthetic fuels industry not possible with steel needs for defense (NL)	Sept. 22	8			
Flooring of asphalt, limestone rock asphalt emulsion and pulverized rubber	Sept. 15	34	National Petroleum Council's study shows shale oil to be the cheapest non-petroleum liquid fuel (table)	Nov. 17	16			
Fluid level determined with new controller	Oct. 27	33	Formaldehyde:					
Fluorine:			Development of photographs by formaldehyde	Oct. 13	10			
Fluoridation of drinking water supplies approved by Medical Sciences Div. of American Medical Assn.	Dec. 22	10	St. Maurice Chemicals, Ltd., formed to manufacture formaldehyde and pentaerythritol	Dec. 29	17			
German analysts report new micro-determination of fluorine	Oct. 27	28	Supplies are long but due to shorter freight forwarders increase for less than carload shipments	Dec. 1	18			
			Freight rates raised in Texas	Sept. 22	14			

Hormone-type weed killer	Dec. 29	30
Lion Herbicide Oil	Aug. 4	27
Lion Oil Corp. launches cotton weed oil	Aug. 18	32
2,4-D pellets for airplane weed control in Hawaii	Aug. 11	32
Hexachlorethane plant at Shawinigan Falls, Que.	Nov. 10	16
Hexachlorethane to be used in new formulations for personal hygiene	Sept. 22	33
Hexamethylene bis (trimethylammonium bromide) is a new drug	July 28	22
Heyden Chemical's new plan for vertical integration	Nov. 21	14
Sells Jamieson Pharmaceutical Co., Nyal Co. and others (NL)	Dec. 29	8
Hickory Color & Chemical Co. to incorporate	Nov. 17	19
Hopper pickup saves shutdowns	Sept. 15	32
Hormones:		
Estrone synthetic	Dec. 1	24
Fruit growers helped by hormones which delay flowering and fruiting	Sept. 1	20
Hormone derived from beef pituitary glands	July 28	21
Piperazine estrone sulfate in tablet form	July 7	20
Houghton Laboratories expand production of platelets and organoids	Nov. 10	40
Hydrolase, a crystalline enzyme	Sept. 29	40
Hydraulic fluid for airplanes is non-flammable	July 7	27
Hydrazine - Augmentin Bros. to carry out development research (NL)	Dec. 29	7
Hydrocarbons:		
Celanese Corp. forms Petrocol Corp. to carry on oil and gas exploration	Dec. 1	16
Recovering aromatic hydrocarbons from ethylene derived liquid fraction	Sept. 29	15
Straight chain hydrocarbons may be separated by treatment with aqueous urea solution	July 7	20
Hydroelectric power in the Pacific Northwest may be rationed later (NL)	Aug. 11	6
Hydrofluoric Acid:		
Heat and ultraviolet light print designs on glass without tools	Sept. 29	39
Limitation orders to come (NL)	Dec. 8	7
Pennsylvania Salt Mfg. Co. expanding production (NL)	Sept. 29	8
Hydrogen chloride to be manufactured by Stauffer Chemical Co.	Dec. 15	18
Hydrogen peroxide plant to be started by Buffalo Electro Chemical Co.	Oct. 20	16
To be produced by Buffalo Electro Chemical Co.	Oct. 27	14
Hydroponic farming	Dec. 1	35
m-Hydroxy benzoic acid produced by Heyden Chemical Corp.	Dec. 6	22
I		
Ice substitute called Noe Ice forms a coating over foods	July 28	28
Ico-octyl alcohol plant to be constructed by Standard Oil of Indiana (NL)	July 7	7
Imports - U. S. chemical foreign commerce continues to advance	Dec. 15	13
Industrial Metals Protective Corp. charged with infringing patent	Dec. 15	17
Infrared:		
Infra-red advance	July 28	22
Infra-red spectrometry in chemical manufacturing	July 14	23
Procedure for analyzing certain pharmaceuticals	Dec. 29	30
Ink - Bessing Bros. & Deeney plant opened	Dec. 22	32
Insecticides:		
Agricultural Chemicals purchases Arkansas Ordnance Plant	Aug. 25	29
Agriculture Dept. scientist feels that manufacturers should be required to make extensive new products tests	July 7	28
Animal laboratory to test insecticides	Aug. 4	27
Benzene hexachloride and DDT in industry meets with NPA	Oct. 20	14
Blenders for insecticides and fumigants developed by A. E. Poulsen & Co.	Aug. 18	36
Boyle Midway turning out aerosol insecticides (NL)	July 28	6
California Dept. of Agriculture puts into effect new regulations	Sept. 22	38
Constitutionality of Federal Insecticide Act upheld	Dec. 8	34
Creager Mfg. plant expands	Dec. 22	32
DDT credited with controlling malaria	Sept. 8	34
Delaney Committee investigates crop pesticide residues	Dec. 15	14
Diamond Alkali purchases Kolker Chemical Works (NL)	Aug. 11	5
Du Pont reduces prices on some insecticides	Oct. 27	47
Farmers Insecticide Co. organized	Sept. 8	34
Female insects tougher than males according to Esso Standard Oil Co.	Oct. 27	28
Fly Killer called Fly Fel	July 14	35
Heptachlor, boll weevil insecticide, to be produced by Arvey Corp.	Nov. 17	19
Heptachlor for use on grasshoppers and cotton boll weevils	Nov. 10	36
Hyman-Velisch chlorlone controversy decided	Dec. 8	36

Insecticide smokes	Nov. 3	39
Insecticide powder sold to whole communities	Sept. 15	38
Lindane used in flea preparation	Sept. 15	37
Lindane vaporizer	Nov. 3	41
Mexican sales, Export Chemical Corp.	Nov. 24	52
Naco Fertilizer operates new plant	Dec. 22	32
Niagara Chemical Div. to build plant at Yakima, Wash.	Sept. 29	36
Nitrocycloparaffins act as stabilizers	Aug. 18	36
Purdue Research Foundation patents two insecticides	July 21	27
Residue tolerances	Sept. 29	36
Southern Agricultural Chemicals organized	Dec. 22	32
Tobacco By-Products and Chemical Corp. to build Waco, Tex. plant	Sept. 8	34
Toxicity probe	Aug. 18	30
Insulation strapping	Sept. 1	26
Iodine - New combination of iodine with surface active agents reduce its toxicity	Dec. 22	19
Iron - U. S. Bureau of Mines, Minneapolis, probes ore potentials	Aug. 18	14
Isobutylacrylate to be produced by Texas Eastman (NL)	Oct. 6	7
Isooctyl alcohol to be produced by three companies	July 14	41
Isoprene expansion to increase butyl rubber recommended by Senate Preparedness Subcommittee (NL)	Sept. 29	7
Isopropenyl acetate available from Carbide & Carbon	Aug. 18	30
Isopropyl alcohol price is lowered	Sept. 29	45
Isotopes - Standard solutions of phosphorus 32 and iodine 131 now available	Dec. 1	24
Israel and Great Britain to run Palestine Potash plant in partnership	Dec. 8	13

J

Jefferson Lake Sulphur sues for profits made by its president (NL)	July 14	7
Job analysis saves time, money at Du Pont	Sept. 15	31

K

Karlex file cards with Multi-Flash signals show production scheduling	Sept. 1	26
Ketone, a wax extender	Nov. 17	34
Korea:		
Anniversary of the outbreak	July 7	11
Korean armistice would not send the chemical industry into a tailspin (NL)	Sept. 29	7
Three chemical plants bombed out in North Korea	July 28	10

L

Labeling regulations for safety in California	July 14	13
Labors:		
Aluminum Co. of Canada grants wage increase	Nov. 24	13
American Potash & Chemical signs contract with mine workers (NL)	Dec. 22	6
British Columbia workers in pulp and paper industry receive pay boost (NL)	Oct. 6	8
Canadian Industries signs labor contract	Dec. 8	13
Carbide & Carbon Chemicals dispute settled	Dec. 15	18
Chamber of Commerce sees drive for union pensions and welfare plans continuing	Dec. 22	11
Colgate Palmolive-Peet strike	Sept. 8	12
Diamond Alkali revamps house organ for better industrial relations	July 28	11
Duck snail hits chemicals	Nov. 10	47
Du Pont workers in Rochester get wage boost (NL)	Sept. 22	8
Durez Plastics & Chemicals plant workers have labor trouble (NL)	Sept. 22	8
Firestone workers in Hamilton, Ont. win wage increase (NL)	Aug. 4	5
General Paint Co.'s case weakens employer right	Aug. 18	15
Great Southern Chemical Corp. ruled against by NLRB	Dec. 1	12
Growth in chemical labor unions rapid, extensive (NL)	Nov. 17	13
Handicapped workers in chemical companies	Oct. 6	14
Imported labor used in the Southern Thorpe Chemical Works (NL)	Nov. 17	17
International Chemical Workers Union, AFL, maintains recreation center for its workers	Sept. 1	10
Lever Bros. has union trouble	Nov. 17	16
Massachusetts Development & Industrial Commission paid consent to prove that Democratic state administration hobbles industry, cools labor (NL)	Nov. 17	8
National Distillers Chemical Corp. union officials reject restraining order	Dec. 22	11
Onondaga Pottery plant election	Dec. 15	18

Pittsburgh Plate Glass Co.'s illegal strikes stopped by union	Dec. 29	13
Unions discussed by American Institute of Chemical Engineers and labor leader	Dec. 15	14
Laboratories see Research	July 28	14
Laboratory based glass lined	Sept. 1	10
Laboratory materials liberalized with amendment to M-71	Sept. 1	10
Lacquers:		
Hot-spray lacquers boom	Aug. 11	29
To measure a temperature of 2000 F	July 7	25
United Lacquer Mfg. Corp. opens new laboratory building	Nov. 10	28
Laminate finish	Aug. 4	28
Lauck's Testing Laboratories	Oct. 27	15
Lead - NPA to allocate imported pig lead (NL)	Dec. 29	77
Leather - determining grease in leather	July 28	22
Synthetic tanning chemicals	Oct. 20	35
Life-detector tests required at Oak Ridge (NL)	Dec. 29	8
Light, incandescent, has built in reflector at top of bulb	Sept. 15	34
Lignite:		
Dakota lignite potential	Nov. 3	15
Lignite as fuel	Oct. 13	34
New low cost fuel for Alcoa's new smelter in Texas	Aug. 4	22
Charles R. Robertson Lignite Research Laboratory to be dedicated	Sept. 15	27
Lilly, Charles H. Co. establishes mixing plant in Tacoma, Wash.	Oct. 27	37
Lilly, Eli & Co. building penicillin-streptomycin plant	Aug. 18	21
Limestone, high calcium, in limited supply	Sept. 29	11
North American Cyanamid to buy lands adjacent to quarry	Sept. 1	16
Lindane approved as a louse powder (NL)	Oct. 27	5
Used in flea preparations	Sept. 15	37
Liponic acid of the family of B vitamins	Oct. 13	30
Lithium - Foote Mineral Co. purchases	Nov. 3	20
North Carolina lithium project	Nov. 10	35
Load cells	Sept. 22	37
Locust bean gum produced in Switzerland	Dec. 1	15
Lubricant aids from Emery Industries	Dec. 15	28
Dow Chemical produces hydraulic brake fluid lubricant	Nov. 3	41

M

Magnetite - Brazilian government to operate deposits	Nov. 17	20
Magnesium:		
Diamond Magnesium, Painesville, Ohio, plant is demothballed (NL)	July 28	5
Dow Chemical may make magnesium from underground brines in Texas (NL)	Nov. 17	8
Producers subject to order to earmark output percentage for defense (NL)	Sept. 1	5
Magnifier for thermometer	Dec. 1	32
Mail box used to hold operator's matches and cigarettes	Sept. 1	26
Manganese - Ferro-manganese plant to be built at Henderson, Nev.	Oct. 13	20
U. S. Bureau of Mines, Minneapolis, probes ore potentials	Aug. 18	14
Manganese dioxide may be supplied from the African Gold Coast (NL)	Nov. 3	8
Mann Research Laboratories set up	Nov. 17	34
Manpower, Technical:		
Benefits for employees in military service	Aug. 4	9
Dearth of manpower shown by ODM survey	Nov. 24	11
Du Pont's runs aid for engineers (NL)	Nov. 24	7
Engineers Joint Council claims big deficiency of engineers (NL)	July 7	7
National Distillers Products Corp. gives training course to broaden executive potential	Oct. 27	11
New military training and service law ignores recommendations	Sept. 22	37
Engineering Manpower Commission	July 14	14
New York University's College of Engineering reports increase in students (NL)	Nov. 3	7
Organizing technical men in Great Britain	Dec. 8	13
Washington short of engineering personnel (NL)	Nov. 24	8
Manufacturing Chemists Assn. meets in New York	Dec. 22	7
Margarine, colored, booms in Illinois (NL)	July 28	5
Fortification with synthetic vitamin A not yet approved by FDA	Dec. 15	24
Mask made safer with ammonium canister	Aug. 11	24
Mason Paint Co. sold again	Aug. 11	33
Matches - Nevada Match Co. to build factory	Nov. 10	18
Materials handling - Job analysis saves time, money at Du Pont	Sept. 15	31
Mathieson Chemical Corp. finishes purchase of Heyden Chemical holding in American Potash & Chemical Corp.	Oct. 20	15
Tries to merge with American Potash & Chemical (NL)	Dec. 8	8

Matheson Chemical Corp. and Matheson Hydrocarbon Chemical Corp. to merge	Nov. 10 16	Chemicals moved from "very short supply" to "balanced supply-demand" (NL)	Sept. 8 7	CPR 22X and other manufacturers' orders may be used (NL)	Nov. 3 8
Manum Development Co. has big plans	Oct. 6 12	Defense orders for chemicals will be limited to Defense Dept. and AEC contracts	Oct. 6 15	Chemical industry still floundering in price fog (NL)	Sept. 22 8
McCarthy Chemical Co.'s indebtedness (NL)	Nov. 10 7	Kenneth Kipstein, Director of Chemical Div.	Aug. 18 16	Chemical price fixers	Aug. 11 13
Melamine Preparation of melamine by heating urea	Dec. 22 21	M-42 and M-45 orders to be extended to include more chemicals (NL)	Aug. 18 7	Chemicals which have been reclassified as minerals (NL)	Sept. 8 7
Merck & Co. has trade name trouble in Mexico	Dec. 1 18	Reorganization soon (NL)	Oct. 27 6	Claims Capehart amendment unworkable (NL)	Sept. 22 8
Metallic calcium in pilot plant quantities made by Ethyl Corp. (NL)	Nov. 10 7	Sulfur order to limit consumers' stocks (NL)	Nov. 17 8	Extension on pricing products (NL)	Dec. 8 7
Metallic compounds to be manufactured by American Metallic Chemicals Corp.	Dec. 8 16	Treatment of small business will not merge with DPA (NL)	Oct. 20 8	Future of price controls not settled	July 14 41
Metalizing salvages metal parts and equipment	Oct. 13 34	Where to go in Washington	Dec. 1 15	Industry advisory committees (NL)	July 21 8
Metals Shortage may slow chemical expansions (NL)	Sept. 15 7	National Science Foundation	Dec. 22 21	New bill to revise Capehart amendment to Price Regulation C-22	Sept. 29 9
Metals—To be used at high temperatures	Oct. 13 34	Accepts bids for research	Dec. 1 15	Price increases to be held back (NL)	Aug. 11 6
Meters—Gel time meter	Sept. 22 29	Appropriation deeply cut	Sept. 8 15	Prices only a mite more	Nov. 17 59
Methanol:		Revises	Dec. 1 11	Regulation to be issued on sales of private brand drugs and cosmetics (NL)	Nov. 10 8
Alamo Chemical Co. may locate plant on Ship Channel, Tex. (NL)	Sept. 15 8	Senator P. H. Douglas is trying to raise money for Foundation (NL)	Oct. 6 7	Supplementary Regulation 7 to CPR 22 will help chemical industry	July 14 14
Demand forging ahead of output will squeeze anti-freeze buyers	Aug. 11 39	National Security Council keeping watch over industrial plant security (NL)	July 14 7	Where to go in Washington	Dec. 1 15
India allotted methanol plant from India	Oct. 20 19	Natural Gas:		Oils:	
Methanol transformed to ethanol	Dec. 15 26	Alberta reserves now estimated at 14 trillion cubic feet (NL)	Oct. 27 5	Archer Daniels Midland to produce bodied oils	Oct. 6 19
Methionine plant built by Du Pont (NL)	Dec. 29 7	Canada to Montana pipeline to be constructed (NL)	July 34 7	Chemically modified vegetable oil to replace castor oil	Dec. 1 24
Methionine research and production increase	Dec. 8 21	Export of Alberta natural gas held up by the Provincial board (NL)	Nov. 17 8	Fats and oils pick up	Sept. 22 14
Methyl alcohol used for soil testing	Sept. 1 22	Hearings under way to decide whether Pacific Northwest will get Canadian gas	Sept. 22 15	Kamala oil from India boosted	Oct. 13 26
Used only as experimental fuel for autos (NL)	Aug. 4 6	Italy discovers natural gas in Po	Oct. 27 16	Lea Oil & Chemical building core oil plant	Oct. 6 38
Methyl Chloride:		National Petro Chemicals will produce ethyl alcohol, ethyl chloride from ethane (NL)	Sept. 1 6	Oil from shale by the gas combustion process	July 7 25
Allocation ordered by National Production Authority (NL)	July 7 7	Texas natural gas tax raising protests (NL)	Nov. 3 7	Oil shale the cheapest non-petroleum liquid fuel according to Study by National Petroleum Council (table)	Nov. 17 16
Crude grade is to be dropped from production (NL)	Aug. 4 6	Texas puts a tax on natural gas	Sept. 22 14	Secretary of the Interior plugs for liquid fuel from oil shale	Nov. 24 12
On short supply	Sept. 22 47	Neoprene—Du Pont to expand plant at Louisville	July 28 16	Oil well drilling uses special mud	Dec. 22 26
Methyl chlorophenoxy acetic acid as a weed killer	Dec. 29 30	Neoprene paper made by Du Pont	Sept. 1 14	Synthetic drying oil developed and marketed under trade name Durolin	Sept. 29 11
Methyl methacrylate output to be increased by Nelm & Haas (NL)	Sept. 29 8	Neutralizers for laundry use	July 28 28	Vegetable oil situation to be surveyed by Dept. of Agriculture	Sept. 29 10
Microscope, proton	Dec. 22 20	New Orleans' International House is the importers club	Nov. 17 60	Olein polymers to be produced at Pan-Am Southern Corp.'s new plant	Nov. 24 16
Milvew—Army's Engineer Research & Development Laboratories study fungus rot	Oct. 20 25	Niacin—Merck & Co. to complete new macin plant	Nov. 24 16	Olin Industries Inc. acquires Lumber Industries (NL)	Dec. 29 8
Mill, continuous ball	Nov. 10 34	Niacin manufacture changed by new process	Sept. 1 15	Optical bleaches development	July 14 31
Minerals—Recovery from beach sands helped by on the water treatment	Aug. 25 8	Niacinamide—Nepara Chemical Co. completing expansion	Sept. 22 20	Optical crystals, synthetic, Harshaw Chemical Co. to expand (NL)	Aug. 11 6
Minnesota Mining & Mfg. Co. to enter foreign markets	Nov. 10 12	Nickel—International Nickel Co. of Canada's Creighton mine increases production	Oct. 6 19	Ordnance Corps research program at Duke University	July 7 20
To form international subsidiary for export sales (NL)	Oct. 20 7	Nicotinic acid differentiated from nicotinamide by FDA	Aug. 11 20	Organic chemicals to be manufactured by Pennsylvania Salt Mfg. Co.	Nov. 17 15
Mixers:		Nitric acid by the Fauver process by General Industrial Development Corp.	Oct. 30 30	Organophosphate biontine is a water-in-oil emulsifier	Sept. 22 24
Mixer for fluids	Sept. 22 29	3 nitro-4 hydroxyphenylarsonic acid aids growth of hogs, chickens, turkeys	Oct. 6 16	Orlon filter bags recover more carbon	July 7 23
Small farm mill for laboratory	Dec. 15 36	Nitrogen:		Oven, table model	July 14 30
Small mixer and kneader for laboratory	July 28 24	Greece to bid for establishment of a nitrogen industry	Sept. 15 22	Oxalic acid market	Dec. 22 39
Model of Cutter Laboratories branch plant helps long distance supervision	Sept. 22 19	Nitrogen containing salicylic acid derivative as an arthritis palliative (NL)	Aug. 4 5	Oxygen:	
Monochromator, Double pass	Dec. 22 20	Westinghouse Chem. Div. engineering two plants for nitrogen fixation	Sept. 22 17	Alaska Chemical Co. to install an oxygen and acetylene plant	Dec. 15 20
Monometer and flowmeter, electronic	Oct. 13 36	Nobel prize winners	Dec. 1 22	Gaseous and liquid oxygen supplied by pipelines and trucks	Aug. 11 24
Monsanto Chemical Co. to move offices outside St. Louis (NL)	Dec. 22 5	Nonoxonolendrin—Antioxidant produced from sulfate pulping wastes	Sept. 22 20	Liquid oxygen and argon to be manufactured at Linde Air Products new plant	Oct. 6 19
Monosodium glutamate—International Minerals & Chemicals to add to San Jose, Calif. plant	Sept. 1 16	Norton Co. organizes company to handle export of abrasives (NL)	Nov. 10 12	National Cylinder Gas Co.'s new liquid oxygen plant at Mt. Airy	Sept. 29 14
Mordanting ethoxalates put out by Atlas Powder Co. (NL)	Nov. 10 8	Nuts and bolts covered by vinyl	Nov. 10 32	Union Oil Co. patents adsorbent for the separation of oxygen and nitrogen	Aug. 2 22
Motors:		Nylon:		Packaging:	
General Electric's resilient motor base	July 28 24	Anti-static for nylon	July 14 35	Army package research at Ft. Belvoir, Va.	July 28 19
Synchronous motor on experimental basis	Oct. 20 32	Bearing of nylon	Sept. 29 15	Export packaging group organized	Dec. 22 8
1" S. Electrical Motors introduces low speed models	July 28 24	Canadian Industries to construct plant on St. Lawrence River near Brockville, Ont. (NL)	Aug. 25 4	Military services may standardize packaging requirements (NL)	Dec. 1 8
Vetric capacitor motors with standard-sized mounting dimensions	July 14 30	Do Pant aims for unit plant in Israel	July 14 16	Paints:	
Mud for oil well drilling	Dec. 22 29	Lotus designed to improve wearing qualities of nylon hose	Nov. 3 41	Anti-rust type	Oct. 20 38
Munitions Board issues two new regulations	Oct. 27 11	Non-metallic duffler for nylon hosiery	Aug. 11 33	Defoamer reduces bubble lifetime of synthetic rubber latex water-emulsion paints	Sept. 1 12
To allow more time for bids (NL)	July 7 8	Nylon type polyamides studied	Oct. 27 43	Flat white enamel	Nov. 17 48
For publish quarters and dollar value of unclassified contract awards (NL)	July 7 8	Stoking preparations for nylon	Nov. 24 52	Fluorescent whitener	Nov. 24 52
		Stoking powder	Oct. 13 30	Fritzsche Bros. makes paint odorants	July 28 26
				Fungicidal paints	July 21 27
				Gleichen Co. and Du Pont acquire act. of violating Sherman Anti-Trust Act	Dec. 15 16
				Gloving pigments sold	Sept. 29 36
				Hercules Powder introduces pigments additive	Nov. 24 52
				Lacquers and enamels for touching up	Nov. 24 49
				Latex base paints boom	Aug. 25 27
				Latex paint introduced by Tricon Laboratories	Oct. 6 38
				Lead cyanamide as an anti-rust pigment in paint	July 7 20
				Lead for pigments is a major problem (NL)	Sept. 1 5
				Lithopone pigment production to be increased by Gleichen Co.	Sept. 1 16
				New paint gives dull green finish for use as chalk writing surface	Oct. 20 38
				Paint brush cleaner	Oct. 13 40
				Paint Industries Show tells about hot-spray coatings	Nov. 17 18

Paint makers told government to save lead by lowering paint specifications (NL) Dec. 8 7
 Protective finishes for metals Dec. 1 39
 Rust-inhibiting primer Nov. 10 40
 Sales are picking up Nov. 3 15
 Pakistan gains in the heavy chemical industry Nov. 17 22

Paper:

Dow Chemical patents coating for paper July 14 24
 Hardwood pulp production trends Oct. 27 31
 Heat sensitive duplicating paper for photography Nov. 10 38
 Made from glass fibers Dec. 22 26
 Monadnock Paper Mills takes site in Tenn. for plant Nov. 10 16
 Neoprene paper made by Du Pont Sept. 1 14
 Scott Paper Co. installs small scale paper machine Sept. 29 40
 Sugar cane bagasse for newsprint investigated by U. S. Forest Products Laboratory Sept. 8 28
 Paraguay receives loan to help increase agricultural production Dec. 29 18
 Parathion detection July 21 28
 Palletizer put out by Waldren & Co. Dec. 15 38

Patents:

Criterion for patentability for a product extracted from a natural source Aug. 11 10
 U. S. Patent Office holds that a new use for an old composition can be patented Aug. 18 13
 Peete, W. R. Co. organizes Nov. 17 49

Penicillin:

Argentina plant to boost production of penicillin Dec. 15 17
 Dzhakhamasky esters for penicillin Oct. 20 26
 Eli Lilly receives write off for plant at Lafayette, Ind. (NL) Dec. 1 7
 First synthesis of penicillin analogs with chemical and physical properties corresponding to penicillins Oct. 13 26
 German imports to stop when Bayer's new plant goes on stream Nov. 3 19
 Merck to produce at Danville, Pa. plant July 7 17
 N,N'-dibenzylethylmethylamine penicillin Dec. 29 30
 Pfizer, Chas. & Co. develops stable penicillin as a poultry feed supplement Nov. 24 45
 Schenley Laboratories to boost production Sept. 15 22
 Spain opens first penicillin plant Oct. 20 19
 Pennsalt signs agreement with Italian firm for exchange of patents (NL) Oct. 20 7
 Pennsalt and Sharpley Chemicals to merge (NL) Nov. 10 7
 Pentachlorophenates, quaternary ammonium, and disinfectants Oct. 20 26

Penterythritol:

Derivatives planned at Heyden Chemical laboratories Aug. 18 21
 Heyden Chemical boosts production and camera shows control of process Dec. 29 20
 St. Maurice Chemicals, Ltd. formed to manufacture formaldehyde and pentaerythritol Dec. 29 17
 To be produced in Canada (NL) Sept. 29 8
 Pepper, black, substitute being developed by Army Research (NL) Aug. 25 4
 Peppermint oil plant, regular Sept. 1 23
 Perchloroethylene to be produced by Diamond at Painesville (NL) Aug. 25 4
 Perfume of apple essence (NL) Sept. 22 7
 Perkins Glue Co. sets up new distribution plant Nov. 10 40
 Perlite Tennessee Products & Chemical Corp. to build perlite plant Oct. 6 19
 Permanent wave kit, Tont Co. eliminates neutralizer Sept. 8 34
 Permanent waving—Home permanent patent Dec. 15 46
 Permutit case is settled July 28 12
 Peroxide uses and advances Dec. 29 27

Petrochemicals:

Eso Standard Oil Co. to increase production of crude oil and chemicals at Baton Rouge, La. Oct. 13 20
 European petrochemical industry Nov. 10 14
 Merichem Co. a small company in the field Nov. 3 17
 Reasons for expansion of industry July 14 29

Petroleum:

Alberta's oil requires exploration and development before production equals Canada's requirements (NL) Oct. 6 8
 Alumina-chroma catalyst by Standard Oil Co. of Ohio Oct. 20 32
 British export of oil equipment increased Dec. 22 14
 Chile's first refinery in engineering stage Dec. 8 19
 Crude oil from spent wells to be recovered (NL) July 14 8
 Davis' process to mine the Alberta sands and distill the oil from the beds Oct. 6 28
 Davison Chemical to erect petroleum cracking catalyst plant Aug. 11 15
 Eso Standard Oil Co. to increase production of crude oil and chemicals at Baton Rouge, La. Oct. 13 20
 Filtrol Corp.'s Vernon, Calif. plant to conduct petroleum cracking research Nov. 24 45

Great Britain to build refinery on Isle of Grain, Kent Dec. 29 15

Great Britain to open cracking catalyst plant at Warrington, Lanc. Dec. 29 18

Gulf Oil Corp. to construct catalytic reforming unit Oct. 20 16

Hydroformer catalysts have gone fluid July 21 21

Imperial Oil Co. to build catalytic cracking plant at Loco, B. C. Dec. 22 14

Methyl paraffins enrich high octane isoparaffin fuel Sept. 15 27

Mexico may fill the breach if Iranian oil production hits longtime snag (NL) Aug. 4 6

Orthodox "cat" cracker Sept. 22 30

Pacific Petroleum Ltd. struck oil at Fort St. John, B. C. Nov. 24 8

Phillips Petroleum Co. receives Chemical Engineering Achievement Award Oct. 13 18

Phillips Petroleum to increase capacity of Borger Texas-to-East Chicago pipeline (NL) July 7 7

Standard Oil Co. of Ohio to install catalytic reformer at Lima, Ohio, refinery Dec. 15 18

Sun Oil Co., Sarnia, Ont. project to start soon (NL) Sept. 1 5

Petroleum coke unit constructed by Picher, Chas. & Co. to expand with new funds July 14 16

Pharmaceuticals:

Armour Fertilizer Center to start in 18 months July 7 17
 Drug stocks lost in Kansas flood to be replaced by pharmaceutical firms (NL) Aug. 11 5
 Lederle Laboratories to triple capacity Aug. 11 15
 Roussel Laboratories plans an assault on the American market July 7 12
 Supplies for the Army and civil defense to be centralized in Armed Services Medical Procurement Agency (NL) Aug. 25 4
 Phenolene as a raw material for phthalic anhydride manufacture Aug. 25 20

Phenol:

Alkyl phenols experience rising sales Sept. 15 28
 Antioxidant probe Oct. 13 28
 British American Shawinigan installing plant at Montreal Dec. 8 16
 Durez Plastics to construct new plant for doubling phenol capacity Aug. 4 15
 Market developments Nov. 24 59
 More phenol from cumene (NL) Nov. 10 7
 New process to make phenol from cumene Aug. 25 23
 Philippines planning chemical industries Nov. 24 16

Phosphates:

Armour Fertilizer Works, Bartow, Fla. to double capacity Sept. 1 16
 Carbide & Carbon to treat Florida rock phosphate (NL) Sept. 29 8
 Decatur phosphate plant to be erected by Shea Chemical Co. Dec. 29 16
 International Minerals & Chemical Co. acquires phosphate property in Tenn. Nov. 3 20
 Potassium triphosphate launched by Westvaco Chemical Div. Sept. 15 24
 Sahara desert prospected for phosphates Dec. 1 15
 IATA's plant is studied for treating rock phosphate with nitric acid to conserve sulfur Oct. 6 13
 Virginia Carolina Chem. Corp. new unit Sept. 22 20
 Zinc phosphate coating chemicals Nov. 3 47

Phosphorus:

Elemental phosphorus capacity booms in Canada (NL) Sept. 8 7
 Germany to start production of basic phosphorus and phosphoric acid Sept. 29 12
 Montreal, Can. phosphorus plant planned Sept. 22 20
 Victor Chemical to remove fluorine from waste gases from phosphorus production Sept. 20 12
 Photographic chemicals Dec. 8 46
 Photographic products put out by National Photographic & Mfg. Co. Nov. 10 38
 Photosynthesis progress at University of California Aug. 25 19

Phthalic Anhydride:

Harrett Div. plans big plant at Philadelphia (NL) July 21 8
 New production is on the way Dec. 1 49
 Phenanthrene as a raw material for phthalic anhydride manufacture Aug. 25 20
 Saccharin from phthalic anhydride (NL) Sept. 15 8
 To come under NPA's M-32 order Aug. 25 4
 Phthalocyanine dyestuff Dec. 29 28
 Phytic acid lengthens storage life of soybean oil Sept. 1 22
 Pickling solution Oct. 20 39

Pigments:

Mineral pigment spray to rejuvenate fabrics Oct. 6 38
 Tire processors buying more pigments (NL) Sept. 29 8
 Titanium dioxide pigments increase Oct. 20 48
 Pipelines—Transport of chemicals through pipes on the increase Nov. 3 13
 Pipeline is available from Eastman Organic Chemicals Dept. Nov. 17 32
 Pipette holder Aug. 25 19

Piping:

Chemical Industry Correlating Committee pushes standards for steel pipe Aug. 4 21
 Condensate return unit Aug. 4 22
 Damage to pipe lines from pulsations in line pressures eliminated by designer July 21 21
 Distribution of unplasticized polyvinyl chloride pipe Dec. 22 26
 Golden Bear Mfg. to increase plastic pipe production Dec. 22 14
 Pipe flange shield Dec. 15 36
 Pipe joint for resin-based pipe Sept. 15 32
 Polyvinyl chloride pipe Dec. 15 48
 Substituting plastics for metal hot water piping July 21 27
 Pittsburgh Coke & Chemical Co. completes one unit of new laboratory to have new chemicals plant Oct. 27 15
 Vertical integration July 21 16
 Plaskon Div. of Libbey Owens Ford establishes sales office Nov. 10 40
 Plastelem to be produced in the Netherlands Sept. 15 22
 Plasticized bandage to replace cast Dec. 1 39
 Plasticizers—Hooker Electrochemical now offering plasticizer for vinyl compounds July 14 24

Plastics:

Brazil lures the American plastic industry Oct. 13 13
 Brazilian company to produce polyvinyl plastics Sept. 29 12
 Dow Chemical buys land for plastic plant (NL) Dec. 29 8
 Mexican made vinyl plastics on the way Dec. 15 18
 Mold lubricant for plastics Aug. 4 28
 Molding resin demonstrated in traveling truck Oct. 13 16
 Plastic developments in plant equipment Nov. 17 47
 Replacing steel tie plates on railroad tracks with resin glass plastics Oct. 27 15
 Sled of plastic and glass fibers for Army use in the Arctic Dec. 15 15
 West German output of plastic materials Dec. 1 15
 Pneumatic despatch tubes moves samples at General Aniline & Film Corp. Oct. 13 44

Polishes:

Aluminum polish Sept. 1 40
 Floor polishes with high shellac content are making inroads on wax polishes Oct. 27 35
 Johnson's Pride now marketed in Cuba Dec. 15 46
 Mac's Super Gloss Co.'s pattern for success Aug. 4 26
 Plastone puts out Turtle Wax to finish auto Sept. 8 44
 Sears, Roebuck's Silicone furniture polish Aug. 11 31
 Shoe shining polish Dec. 1 36
 Tube dispensed polish Dec. 29 42
 Polyacrylic acid for sizing nylon Dec. 1 35
 Polyester film base Dec. 29 40

Polyethylene:

Bakelite and Du Pont expansion in polyethylene will boost output in 1951 Aug. 18 43
 Blown polyethylene bottles of one gallon size (NL) July 21 7
 Coating drum liners with polyethylene Nov. 3 42
 Dimethyl naphthalene formaldehyde polymer as an extender for polyethylene (NL) Dec. 15 8
 Flexible bottles used more and more for cosmetic and chemicals Sept. 1 29
 Jar of polyethylene Dec. 22 32
 One and two gal. polyethylene bottles are blow molded Aug. 11 26
 Polycarbonate broad emulsifier to be investigated by Atlas Powder Co. Nov. 3 24
 Polyphosphates—Potassium triphosphate will come from Westvaco Chemical Div. Cartwright, N. J. Aug. 25 31
 Polyethylene to be made by Catalin Corp. (NL) Dec. 1 8
 Polythionates and polythionics acids may now be employed in cosmetics Aug. 11 20

Polyvinyl Alcohol:

Colton Chemical Co. production to be expanded Nov. 17 19
 Converts powdered foods to free-flowing products Nov. 17 44
 Shawinigan Resin's new plant at Springfield, Mass. (NL) Dec. 29 7
 Polyvinyl chloride—Goodrich, B. F. Chemical producing at Avon Lake, Ohio Aug. 18 21
 Production to be increased by Australia and New Zealand Aug. 11 15

Potash:

Canada—potash discoveries in Saskatchewan Oct. 13 18
 International Minerals and Chemicals to erect plant at Carlisle, N. M. Sept. 1 16
 Saskatchewan, Can. deposit Nov. 17 60
 Potassium triphosphate launched by Westvaco Chemical Div. Sept. 15 24
 Potassium triphosphate will come from Westvaco Chemical Div., Cartwright, N. J. Aug. 25 31
 Poultry feed additives production increased by International Minerals & Chemical (NL) July 21 8

Poultry seized containing excessive amounts of diethylstilbestrol (NL)	Dec. 15	8
Power in the Northwest affected by Bonneville Power cuts	Sept. 29	9
Power supply is outgrowth in the Pacific Northwest and the Southeast (NL)	July 14	7
Steel shortage holds back power expansion	Oct. 20	11
Precipitators—Wet bottom electrostatic precipitator	Nov. 3	32
Prices—Chemical and allied products wholesale prices (chart)	Sept. 8	14
Primaquine makes the grade with the military	Nov. 10	24
Profits made by officers of a company belong to the company (NL)	July 14	7
Propane as fuel considered as more efficient by British Columbia gas company (NL)	Aug. 25	3
Propiolactone treats wood	Nov. 10	24
Used to modify wood (NL)	Oct. 27	5
Propionic acid production cost causes companies to shelve process (NL)	Nov. 17	7
Protexal Chemicals moving from Florida to North Carolina	July 7	28

Public Relations

Ansol Chemical Co. offers rescue squad, radio programs and other services to community	Oct. 27	14
Chemical Week questions major companies on community relations	Sept. 22	18
Public relations program needed by chemical industry (NL)	Sept. 8	8

Pulp

Alaskan chemical pulp mill receives certificate of necessity	Aug. 11	15
Belgian Congo syndicate searching for cheap wood pulp	Oct. 27	16
Brazilian bagasse will be converted to paper pulp (NL)	Oct. 27	6
British Paper Mills to expand	Dec. 1	18
Canada opens Whelan power plant for a large forestry operation	July 21	18
Crown Zellerbach Corp. evaporates and burns its sulfate waste (NL)	Dec. 29	8
French imports of woodpulp will be reduced when new plant is built	Oct. 6	19
Hardwood pulp production trends	Oct. 27	31
Ketchikan Pulp & Paper Co. can produce 300 tons of dissolving pulp daily	Sept. 1	16
Ketchikan Pulp & Paper Co., Alaska, to build mill	Dec. 29	15
National Container starts mill at Valhalla, Ga.	Nov. 10	16
New Zealand to develop a wood pulp and newsprint plant	Sept. 8	16
Northwestern Pulp & Paper, Ltd., Canada, starts plant at Vates, Alta.	Sept. 15	22
Port St Joe Paper Co., Fla., to expand plant	Sept. 8	16
Procter & Gamble moving into the chemical wood pulp field	Oct. 20	13
Scrub-oak pulp process soon to be in pilot plant	Sept. 29	12
Semi-chemical pulp production increasing (chart)	Aug. 25	9
Southern pulp and paper mills to expand (NL)	July 7	7
Weyerhaeuser Timber erecting pulp mill in Everett, Wash.	Sept. 8	16
Wood pulp capacity will be increased (NL)	Dec. 8	7
Wood pulp in tight supply	Dec. 15	57

Pumps

Chemical pump	Sept. 22	29
High pressure pump	Oct. 20	32
Impeller pumps	Dec. 15	48
Pocket	July 14	30
Stokes high vacuum pumps	Dec. 8	31
Submersible pump	July 28	24
Vacuum pumps	Oct. 27	33
Vacuum pumps	Oct. 20	32
Purchasing agents seek short chemicals, equipment containers	Aug. 11	9
Pyridine process by Hercules Powder	Dec. 15	28

Q

Quaternary Compounds

American Cyanamid develops new surface active agent	Dec. 29	34
Quaternary ammonium halides	Dec. 8	22
Quaternary morpholinium ethosulfates	Dec. 29	31
Quartz determined in the presence of silicates	Aug. 11	30
Silica glass is best source for growing Quinine determined in the presence of styrene	Sept. 8	28
Quinoline—new markets boom	July 21	28
	Oct. 13	47

R

Radiation meter from Argonne National Laboratory	Nov. 3	24
Radiation probe	Oct. 20	32
Radio, two-way, explosives materials handling	Oct. 20	40
Radioactive cobalt used to treat cancer in Holland	Nov. 17	34
Radioactive isotopes industrial forecast	Nov. 17	29
Radioactive waste disposal eyed by water works engineers (NL)	Oct. 13	7
Radioactive waste disposal for safety	Aug. 25	20

Radioisotopes

Aiding in the study of fungicides	Aug. 25	20
Carbide & Carbon Chemicals engineers handling of materials at Oak Ridge	Oct. 20	20
Non-AEC isotopes	Oct. 6	24
Radioisotope safety problems in building design shown at Cancer Research Institute	Aug. 4	13
Shipments to private organizations	Aug. 25	20
USDA designs greenhouse for study of plant growth with isotopes	Dec. 15	24
Ramblers to seed clouds over Pacific Northwest area (NL)	Oct. 6	8

Rayon

Cortaulds, Ltd., to produce rayon	July 28	5
Cortaulds Canada to double production of viscose rayon tire fiber and staple fiber	Dec. 15	18
Du Pont's Rayon Department reorganized and changed to Textile Fibers Dept.	Dec. 29	15
Du Pont to expand Yerkes Works in Buffalo	July 14	16
Eucalyptus rayon in Spain	Dec. 8	2
Federal Trade Commission rules to go into effect governing the rayon industry (NL)	Dec. 15	8
U. S. subsidiary of Cortaulds, Ltd., to start plant near Mobile, Ala.	Sept. 1	16

Reactor made of glass-lined receiver wrapped with integral rayon	Dec. 29	23
Rectifiers—Superior Gas & Equipment Co., Manila, mechanical rectifier for gas operation	July 21	30
Reducing fitting for tubing	Oct. 6	28

Refractories

Harbison Walker Refractories to expand	Nov. 10	18
Lafayette Christy Co. to be acquired by Harbison Walker Refractories Co.	Oct. 13	20
Refractory expansion	Aug. 11	33
Relay has scaled tube filled with liquid silicones	Aug. 4	22
Reports—Oscars awarded to 11 chemical companies for annual reports	Oct. 6	11

Research

American Smelting & Refining Co. erecting laboratory	Oct. 27	28
Columbia University surveying research organization at the group level	Nov. 3	23
Dewese research effort wastefully duplicated (NL)	Dec. 1	8
Diamond Alkali to develop engineering and research center at Fainesville (NL)	Aug. 11	5
Dow to build laboratories at Midland, Mich. and Freeport, Tex.	Aug. 25	11
EC sponsored survey of West German research resources	Sept. 29	39
Fourth Annual Report on Research Requirements of American Industry	Dec. 29	30
Lesle Laboratories develops a new drug	Oct. 6	22
Merrell, Wm. S. Co.'s new organic research laboratory	Dec. 8	24
Monanto Chemical Co. building laboratory for rubber chemicals	Oct. 27	28
Monanto Canada Ltd. to construct research laboratory and pilot plant	Dec. 22	21
Research laboratory for Borden Co.'s Chemical Div.	Dec. 22	21
Research, who, where, how much	Oct. 27	17
Southern Kraft construction building for Kraft paper research	Oct. 27	28
State Dept. sets up Office of Science Advisor to report on foreign scientific developments	Nov. 24	11
Summer Chemical adds to research facilities	Sept. 1	22
Wyeth, Inc. to construct laboratories	Oct. 13	40

Resin

Catalin Corp. starts new plant in N. C.	Nov. 10	16
Furan resin polymer	Aug. 11	20
General Electric's Chemical Div. develops phenolic curing compound	Nov. 3	41
General Mills making additions to line of polyamide resins	Nov. 3	26
Hercules Powder opens new plant for manufacture of wet strength resins	Dec. 15	18
Molding resin demonstrated in traveling truck	Oct. 14	16
Nylon-type polyamides studied	Oct. 27	27
Phenolic resin plant at Newhall, Calif. to start soon	Sept. 15	22
Phenolic resins production to be expanded by Catalin Corp.	Oct. 27	15
Polyester laminating resin put out by U. S. Rubber	Dec. 22	21
Reichold Chemicals Inc. plans unit in India for manufacture of synthetic resins	July 14	16
Reichold Chemicals to make addition to Charlotte, N. C. plant	Sept. 8	34
Resin finish for metals (NL)	Dec. 8	8
Selectron polyester resin production to begin at Pittsburgh Plate Glass	Dec. 15	18
B. S. Shalton Co. may produce coating resins from phenol, acetone and epichlorohydrin (NL)	July 21	8
Synthetic resin plant to be established in Brazil by Reichold Chemicals	Oct. 20	19
Thermosetting resin from phenol and bagasse	Aug. 25	20

Vinylite resin lining for steel drums	Dec. 22	26
Resorcinol plant to be built at Dominguez, Calif.	Nov. 10	16
Rodenticides—Fumel Corp. to market synergized dehydroacetic acid as mold inhibitor for balts	Nov. 24	49
Navy Dept. will buy rodenticides for all three services (NL)	Nov. 10	8
Root-sealing material tested in wind tunnel	Aug. 4	17
Rose spray prevents mildew	July 28	28

Rubber

Canadian rubber chemicals to expand Cold latex developed by U. S. Rubber Co.	Oct. 20	19
"Cold" type of synthetic rubber to be increased by the government	Sept. 29	12
Dow Chemical to make a new rubber antioxyant	Oct. 27	28
Du Pont does research on rubber stabilizers	Oct. 20	26
Du Pont steps up rubber research program with new laboratories	Aug. 4	18
France studies the synthetic rubber market	Oct. 6	19
Germany to resume synthetic rubber production	Oct. 27	16
High styrene-low butadiene copolymers opening new specialty fields	Dec. 8	33
Isoprene expansion to increase butyl rubber recommended by Senate Preparedness Subcommittee (NL)	Sept. 29	7
Latex carried in submarine "tanker"	Sept. 22	15
Latex stabilizer	Sept. 1	33
Los Angeles Rubber Group raising money for research	Dec. 29	30
Natural rubber price to go down	July 21	17
Namantek Chem. Div. of U. S. Rubber to expand Baton Rouge plant	July 7	17
Neoprene paper made by Du Pont	Sept. 1	14
Oxybis(benzonitril) hydrazide	Nov. 10	28
Reclamation of rubber by air separation to be used by Boston Moven-Hose Co.	Oct. 13	20
Relaxation of rubber controls continues (NL)	Dec. 29	7
Rubber hydrocarbon determined by National Bureau of Standards	July 7	19
Rubberized asphalt roads (NL)	Oct. 13	8
Sales of the "log five" rubber manufacturers (NL)	Dec. 1	8
Silica rubber pigment production to increase at Pittsburgh Plate Glass (NL)	July 28	6
Sun Oil Co. introducing a scotch stopper	Nov. 24	45
Synthetic rubber as an impregnant for metal castings	Dec. 1	32
Synthetic rubber containing vinyl toluene (NL)	Dec. 8	8
Synthetic rubber output being jumped	Nov. 3	14
Synthetic rubber requires more chemicals	July 21	37
Synthetic rubber research at Cornell University	Sept. 8	28
Two acrylic rubbers in production at American Monomer Corp.	Dec. 22	20
West Coast Tire & Rubber Co. cut off from supplies due to violation (NL)	Dec. 8	7
Rug anti-slip agent	Aug. 25	29

S

Saccharin from phthalic anhydride (NL)	Sept. 15	8
Saccharin without bitter taste is made by Mannes Development Co.	Oct. 6	12
Safety—Industry accident rates: chemicals all industry	Aug. 11	16
Staley Mfg. Co.'s union-management committee for industrial safety reduces accident rate	Nov. 24	15
Salaries:		
In government service	Sept. 15	14
Salesmen have wages adjusted by Stabilization Board	Dec. 15	17
White collar wages given boost by Stabilization Board	Dec. 15	17
Salary Stabilization Board rules on stock option plans	Dec. 1	12
Salesman's contest a feature at Gildden Co.	July 7	13

Salt

International Salt Co. asks zoning change to permit manufacturing in Cleveland suburb (NL)	Aug. 18	8
Leslie Salt Co. beats condemnation of land for sewer plant	Dec. 29	17
Leslie Salt Co. involved with San Jose about the construction of sewage plant	Nov. 3	19
Salt water intrusion	Nov. 3	16
Scherer Corp. to be sold by Office of Alien Property	Dec. 29	14
Schistosomiasis to be fought by new drug	Sept. 1	22
Schwartz Chemical Co. buys building in Burbank, Calif.	Dec. 29	34
Scrap—Segregation of scrap yields hidden treasure	Aug. 18	26
Screens, heated, increase output of moist products	July 21	21
Screens with conical holes prevent binding	Nov. 10	32

Seawater desalting kits exchanged for new ones	Aug. 4	28	Spain gives chemical production figures	Nov. 17	22	Mexico increases production at gas washing plant	Oct. 6	19
Seawater intrusion in California (NL)	Dec. 22	6	Specialty chemicals to be made by Puritan Co. and Genesee Research Corp.	Dec. 15	16	Mt. Kilimanjaro, East Africa, crater discloses tons of sulfur	Nov. 10	16
Sealing compounds	Nov. 24	48	Spectrometer can determine isotope ratios	Dec. 22	21	NPA deciding what to do about companies which augment their supplies by recovery units (NL)	Aug. 11	5
Seam compound introduced by Sterling Paint	July 7	28	Spectrophotometer	Nov. 17	40	NPA issues order to limit consumers' stocks (NL)	Nov. 17	8
Sebacic Acid:			Spectrophotometry is making headway	Nov. 22	24	NPA may issue a control order (NL)	Oct. 20	8
Allocation ordered by National Production Authority (NL)	July 7	7	Spray to improve hair or fur	Nov. 3	38	NPA to issue limitation order shortly (NL)	Dec. 15	8
Sebacic acid esters may be used as synthetic lubricants for airplanes	Sept. 1	39	Standardization is entering the chemical industry	Aug. 4	23	Petroleum Administration for Defense urges NPA not to reduce sulfur allotments (NL)	Aug. 18	7
Vegetable oil soap substitute castor oil in new sebacic acid production (NL)	Oct. 6	8	Starch, liquid	Sept. 15	44	Production of sulfur by the Frasch and other processes (table)	Sept. 22	19
Selenium sulfide to be limited (NL)	Dec. 22	5	Static electricity shock stoppers	Nov. 17	46	Proposed sulfur order disputed by chemical industry (NL)	Nov. 3	7
Selenium allocation in a dandruff preparation	Oct. 20	47	Stearic acid removed from metal surfaces by detergents	Dec. 22	21	Royalite Oil Co. will build recovery plant near Calgary, Alberta (NL)	Sept. 1	5
Sequestering agents —Bersworth Laboratories working for reagent to deactivate metal ions	Aug. 25	20	Steel:			Shell's refinery, Cheshire, England, to convert hydrogen sulfide to sulfur	Sept. 8	16
Shale oil research	Aug. 11	30	Allocation of steel for chemical for first quarter of 1952 (NL)	Dec. 22	5	Standard Oil starts plant at Whiting, Ind.	Sept. 29	14
Shale oil—Brazilian pilot plant	Dec. 8	19	Chemical industry is having hard time getting steel (NL)	Oct. 13	8	Synthetic detergent makers seek sulfur supply as a ceiling on production (NL)	Aug. 18	7
Recovery process in Sweden is discontinued	Aug. 4	22	Chemical industry will get the same quantities of controlled materials	Dec. 15	8	Texas collects first tax on sulfur made from sour gas (NL)	Aug. 18	7
Shampoos:			Copper and steel	Dec. 29	24	Texas Gulf to boost production at Moss Bluff mine	July 7	17
Food & Drug Administration on shampoos	Dec. 15	45	Lead clad steel	Nov. 17	42	U. S. Bureau of Mines, Minneapolis, probes ore potentials	Aug. 18	14
Have been seized by FDA (NL)	Sept. 8	8	NPA says chemical industry will get more structural steel in 1952 (NL)	Nov. 3	7	Sulfur Dioxide:		
Preparation seized by FDA	Oct. 13	40	Problem of getting enough steel to turn plans into plants (NL)	Sept. 22	8	Brown Co.'s new burner for manufacture of sulfur dioxide from pyrrhotite	Oct. 27	14
Sharples Chemicals Inc. acquired by Pennsylvania Salt Mfg. Co.	Nov. 17	15	Setup race	Aug. 18	14	Canadian Industries Ltd.'s liquefaction plant not in production for a year (NL)	July 21	8
Shellac, cold bleached	Sept. 8	34	Shortage of alloy steel products (NL)	Aug. 4	6	Philippines to have plant to supply fertilizers	Aug. 18	22
Shipping hupified petroleum gas along European coast	Sept. 8	15	Structural steel shortage (NL)	Sept. 15	7	Tried as a silage preservative	Dec. 29	42
Silica gel protects car shipped to Europe	Dec. 1	12	Will the War Stabilization Board survive the steel dispute?	Dec. 29	16	Sulfur dioxide recorder	Aug. 11	24
Silica polish for aluminum	Sept. 1	30	Steel:			Sulfuric Acid:		
Silicones:			Chemicals—Pennsylvania Salt Mfg. creates sales group to sell metalworking chemicals	July 21	14	Acid sludge from Gulf Coast refineries to be turned to concentrated sulfuric acid (NL)	Oct. 27	6
Bonding of silicone rubber to almost any surface	June 30	23	Steroid detection by Chas. Pfizer & Co.	Oct. 20	26	Allied Chemical & Dye Corp. to construct unit at Elizabeth, N. J.	Dec. 22	11
Hair straightener	Sept. 15	44	Steril, magnetic, for the laboratory	July 21	21	Cheaper, sulfuric acid, from lead sulfide ores	July 28	23
Plastone puts out Turtle Wax to finish autos	Sept. 8	34	Streptococci	Dec. 8	7	Du Pont's works at Niles, Ohio is dismantled (NL)	July 14	8
Process scramble for silicones	Nov. 3	29	Copenhagen, Denmark, to construct plant	Dec. 29	18	England proposed new plant at Whitehaven	Nov. 10	15
Sears, Roebuck's silicone furniture polish	Aug. 11	31	Schenley Laboratories to boost production	Sept. 15	22	England to have two more plants for making sulfuric acid from pyrites	July 7	17
Silicone-alkyl copolymers	Nov. 17	46	Spain is forced to import	Aug. 11	15	French plant near Arschelle to produce again	Oct. 13	20
Water-repellent finishes for masonry	Sept. 29	35	To be produced by Bristol Labs.	Aug. 11	15	General Chemical to produce heavy chemicals at Fairmont City plant	Dec. 8	16
Sizing for cotton yarn	Oct. 27	47	Strong Cobb constructing Los Angeles plant	Nov. 3	41	Grimsby, Norfolk, England, plant ready to produce	Sept. 15	22
Sleeping pills called Dormicon	Sept. 22	35	Styrene	Nov. 3	41	Nichols doubles plant capacity at Valleyfield, Ore.	Oct. 13	20
Dormin (NL, non-narcotic, called "Small business" broken down into categories (NL)	Dec. 15	8	Styrene-Ester Grant to make styrene in Texas (NL)	Sept. 8	7	Phillips is pyrite-burning plant	Oct. 13	20
Sludge rule calculator for steam costs	Oct. 6	28	Producers set sights for billion pounds per year by 1955	July 28	43	Texas City Chemicals to construct plant (NL)	Sept. 29	8
Sludge feed	Oct. 27	34	Styrene factories	Dec. 8	15	Sun Oil Co. brings suit against Texas continental Gas Pipeline Corp.	Dec. 22	9
Small business	Dec. 15	8	Styrene monomer plant in England	Oct. 27	43	Superphosphates:		
Small farm in research lab	Oct. 6	24	Styrene resins—Naugetuck Chem. Div. of U. S. Rubber to expand Baton Rouge plant	July 7	17	By-product recovery of uranium	Dec. 1	21
Soup:			Sugar:			International Minerals & Chemical Co.'s plant moving slowly	Nov. 3	20
Ceiling prices under revised regulation	July 14	33	Non-caloric sweetener can be used without limits	Dec. 29	32	Shortage in 1952, but severity depends on sulfur allocation order	Dec. 29	39
Lever Bros.' new facilities in Los Angeles July 7	July 21	29	Sugar separation	Oct. 13	29	Superphosphate fertilizer made with nitric acid	Sept. 22	24
Procter & Gamble buys site in Sacramento	July 7	28	Sugar substitute without bitter taste	Oct. 13	29	"Triple" superphosphates fertilizer produced in Bloomfield Process equipment	Oct. 6	28
Procter & Gamble gives permit to build plant near Sacramento	Aug. 25	29	Suggestion bonus plans may not be approved	Sept. 8	14	Synthetic fibers—American Cyanamid will produce acrylonitrile for use in manufacture of synthetic fibers (NL)	Dec. 8	8
Skotch produces germicidal soap	July 28	28	Sulfite Liquor:			Synthetic fibers vs wool	July 21	11
Soap and detergents proposed for regulation by FDA	Oct. 6	37	Product developed by Southern Regional Research Laboratory	Sept. 22	20	T		
Spectrophotometric analysis	Nov. 17	44	Seed on Wisconsin roads (NL)	Aug. 25	3	TNT plant allotted from Germany to India	Oct. 30	19
Sopapoids as carapaces for abrasives used in optical polishing	Nov. 10	40	To surface Oregon roads (NL)	Aug. 25	3	Tank, super multisphere	Nov. 10	32
Soda Ash:			Sulfur:			Tanks for liquid storage	Sept. 29	17
Antigonish, Nova Scotia, salt deposit near limestone bed (NL)	Sept. 1	5	Allocation cutbacks revealed	Oct. 27	12	Tape heating	Oct. 30	32
Solvay Process, Texas, plants	July 21	8	Australia making herself independent of world sulfur supplies	Dec. 22	15	Tariffs:		
Rouge plant (NL)	July 21	8	Brazilian bank will grant import licenses to any importer who can obtain foreign sulfur	Sept. 1	6	Customs simplification bill opposed by synthetic organic chemicals manufacturers (NL)	Aug. 18	8
Westvaco Chemical Div. to build refining plant near Green River, Wyo. (NL)	Dec. 29	7	British sulfur situation	Aug. 25	10	Customs simplification bill rewritten (NL)	Oct. 27	5
Sodium, metallic			Canada to produce sulfur from pyrites	Aug. 25	15	Hearings of the Customs Simplification Bill	Aug. 25	7
Sodium cyclohexyl sulfamate (sucaryl) is synthetic sugar without bitter taste	Oct. 13	39	Canadian plant started to produce sulfur dioxide from waste smelter gases	Nov. 10	32	Faurine prepared in India by passing ethylene oxide	Dec. 1	24
Sodium hydrosulfite may go on strategic list	Nov. 10	47	Consolidated Paper building plant to produce sulfur from pyrites	Nov. 10	16	Taxation—Corporate taxes may be fought by Senate Banking Committee (NL)	Oct. 6	7
Sodium hypochlorite plant at Fayetteville, N. Y., destroyed	Oct. 13	40	Delege Mobilizer claims export requirements will create domestic deficit (NL)	July 14	8	Government tax toll on chemical companies is more than the profits for first 3 quarters of 1951	Nov. 10	11
Sodium methyle and sodium isopropoxide to be made by Humphrey Wilkinson	Dec. 15	23	Domestic uses squeezed from three directions (NL)	July 21	8	Technological advancement blocked by the Government, says K. T. Compton	Dec. 8	12
Sodium silicate—Diamond Alkali to enlarge Dallas, Tex. facilities	Aug. 4	15	Encouragement of sulfur recovery to help situation (NL)	Aug. 18	7			
Diamond Alkali to increase production at Dallas (NL)	Aug. 25	4	Feralyst Desulfurizing Corp. investigating new catalytic method of recovery	Aug. 25	24			
Sodium silicofluoride will have price relief	Sept. 8	39	Free world sulfur requirements charted	Dec. 22	14			
Sodium sulfate should be in better supply soon	Oct. 27	39	Freeport Sulfur urges Government allocation of supplies (NL)	Oct. 6	7			
Sodium sulfosuccinic acid esters offered by American Cyanamid Co.	Dec. 15	28	Freeport Sulfur will develop dome at Garden Island Bay, La.	Sept. 8	16			
Sol-binding chemicals developed by Ohio State University	July 28	22	Government order 3469 may be eased (NL)	Aug. 18	7			
Solvents—Polyoxy aromatic ether as solvent for aromatics	Nov. 24	50	Great Britain and sulfur R. L. Morrisotti	Aug. 11	4			
Rice bran continuous solvent extraction plant in Formosa	Sept. 22	20	Great Britain takes 408,000 tons a year from U. S. (NL)	Aug. 18	7			
Sorbitol—Atlas Power expands processes and uses	Oct. 6	30	Great Britain to build plant for extracting sulfur from crude oil	July 14	16			
Sorghum trading soups from crude oil	Nov. 10	18	Gulf Oil and Hancock Chemical get 80% write-off for sulfur recovery plants (NL)	Sept. 29	7			
Southern Alkali hits snag at Natrium plant	July 7	17	Gulf Oil to build recovery unit at Waddell, Tex.	Nov. 10	16			
Southern Oil & Chemical Co. forecloses two mortgages on American Tug Oil Mills	Dec. 15	20	India discovers that sulfur can be recovered by washing coal	Nov. 17	20			
Soy oil in salad oil reverts in storage	Nov. 17	34	India's deposits of pyrites to yield sulfur	Oct. 20	19			
N-sova-n-ethyl quaternary salt is new hair conditioner and deodorant (NL)	Nov. 10	8	Iowa Representative decries export of sulfur	Oct. 13	14			
Soybean oil storage life lengthened by phytic acid	Sept. 1	22						

